

# 2012 LUMIX®

## DMC-FH8 Digital Camera



Additional Colors:



S



V

### BRIGHT F2.5 LEICA SUMMARIT LENS

Captures stunningly sharp, clear and vivid images even in low-light situations.

### MEGA O.I.S. (OPTICAL IMAGE STABILIZER)

Compensates for hand-shake to help prevent blur in close-ups and long-zoom photos.

### SONIC SPEED AF

Never miss a shot with minimal shutter lag.

- 16.1 Megapixel CCD Sensor
- 5x Optical Zoom
- 3" LCD
- HD Video with One-touch Record Button
- Intelligent Auto
- Beauty Retouch
- Miniature Effect
- Panorama Shot
- USB Power Charge



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# DMC-FH8 Digital Camera

METRICS		
Dimensions (W x H x D)		96.0 x 57.1 x 19.4 mm (3.78 x 2.25 x 0.77 inch)
Weight		Approx. 106g without Battery and SD Memory Card (0.24 lb) Approx. 123g with Battery and SD Memory Card (0.28 lb)
OPTICS		
Pixels	Camera Effective Pixels	16.1 Megapixels
Sensor	Sensor Size / Total Pixels / Filter	1 / 2.33-inch CCD sensor / 16.6 Total Megapixels / Primary Color Filter
Lens	Aperture	F2.5-F6.4 / 2-Step (F2.5 / 9.0 (W), F6.4 / 20.0 (T))
	Optical Zoom	5.0x
	Focal Length	f=4.3-21.5mm (24-120mm in 35mm equiv.) (26-130mm in 35mm equiv. in video recording)
	Extra Optical Zoom (EZ)	6.3x (4.3 / 10M), 9.0x (4.3 / 5M), 11.3x (4.3 / under 3M)
	Intelligent Zoom	10.0x
	Lens	LEICA DC VARIO-SUMMARIT 6 elements in 5 groups (3 Aspherical Lenses / 5 Aspherical surfaces)
	2-Speed Zoom	—
Optical Image Stabilizer		MEGA O.I.S. (Off / On)
Digital Zoom		4x
Focus	Focusing Area	Normal: Wide 50 cm - infinity / Tele 100 cm - infinity Macro / Intelligent AUTO / Motion Picture: Wide 5 cm - infinity / Tele 100cm - infinity
	AF Assist Lamp	Yes
	Focus	Normal, AF Macro, Zoom Macro Quick AF (Always On), Continuous AF (only for Motion Picture) AF Tracking
	AF Metering	Face / AF Tracking / Multi (23pt) / 1pt
Shutter	Shutter Speed	approx. 8 - 1/1600 sec
Finder	Viewfinder	—
RECORDING		
File	File Format	Still Image: JPEG (DCF/Exif2.3) Motion Picture: MP4
Recording Modes	Mode Dial / Mode Button	Intelligent Auto, Normal Picture, SCN, Miniature
	Creative Control Mode	—
	Still Image Scene Mode	Portrait, Soft Skin, Scenery, Panorama, Sports, Night Portrait, Night Scenery, Food, Baby1, Baby2, Pet, Sunset, High Sensitivity, Glass Through, Photo Frame
	Continuous Shooting Mode	Full-Resolution Image, 1.3 frames/sec Max. 100 images High-speed Burst Mode: approx. 10 frames/sec (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16:9, 2.5M for 1:1) Max. 15-100 images
	Motion Picture Recording (*)	HD Video 1280 x 720 pixels, 30fps (HD: 10Mbps / MP4) (Sensor output is 30p)
		STD Video VGA: 640 x 480 pixels, 30fps (4Mbps / MP4)
		High Speed Video —
Continuous recordable time (motion pictures)	AVCHD	—
	MP4	approx. 90 min
Actual recordable time (motion pictures)	AVCHD	—
	MP4	approx. 45 min
Exposure Parameters	Exposure	Auto (Program AE)
	Exposure Compensation	1/3 EV step, +/-2 EV
	Auto (AE) Bracketing	—
	Multi-Aspect	—
	Light Metering	Intelligent Multiple
	ISO Sensitivity	i.ISO / 100 / 200 / 400 / 800 / 1600 High Sensitivity Mode (ISO 1600-6400)
	Still Picture Recording	1:1 3456 x 3456 (12M)
		4:3 4608 x 3456 (16M) / 3648 x 2736 (10M EZ) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 640 x 480 (0.3M EZ)
		3:2 4608 x 3072 (14M)
		16:9 4608 x 2592 (12M)
	Image Quality	—
	White Balance	Auto / Daylight / Cloudy / Shade / Incandescent / White Set
	Photo Style / Film Mode	—
	Color Mode / Color Effect / My Color	Color Mode: Standard, Black & White, Sepia, Vivid (in normal / video), Happy (only in IA Mode)
	Picture Adjustment	—
	Digital Red-eye Correction (Red-eye Removal)	Yes
	GPS	—
	Wi-Fi	—
	Zoom In Motion Picture	Yes (digital)
	Self-timer	2sec / 10sec

PLAYBACK		
Display	Playback Mode	Normal Playback, Slideshow, Filtering Playback (Category Playback / Favorites Playback), Calendar Playback
Thumbnails / Zoomed Playback		12, 30-thumbnails / Yes
Calendar Display / Dual-Image Playback		Yes / No
Set Favorites / Rotate Image		Yes / No
Show Histogram		—
Show Highlights		—
DPOF Print Setting / Set Protection		Yes / Yes
Edit	Resize / Cropping / Aspect Conv. / Leveling	Yes / Yes / No / No
	Copy / Title Edit / Text Stamp	Yes / No / Yes
	Cut Animation	—
	Video Divide	Yes
	PictBridge Support	Single / Multi / All / Favorites / DPOF
SETUP		
OSD Language		Please refer to "OSD" Sheet
OTHERS		
Monitor	LCD Monitor	3.0" (7.5cm) TFT Screen LCD Display (230K dots) Field of View: approx. 100% AUTO Power LCD Mode, Power LCD Mode, High Angle Mode
Flash	Built-in-Flash	Auto, Auto / Red-eye Reduction, Forced On, Slow Sync. / Red-eye Reduction, Forced Off, 0.4-5.6m (Wide/L/ISO), 1.0-2.1m (Tele/L/ISO)
Media	Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card
	Built-in-Memory	Approx. 70MB
Audio	Microphone / Speaker	Mono / Mono
Interface	Interface	AV Output (NTSC), USB 2.0 High speed
Power	Power	Li-ion Battery Pack (3.6V, Minimum: 680mAh) AC Adaptor (Input: 110-240V AC) (Included, connect with USB cable, playback only)
	Battery Life (approx.)	260 pictures (CIPA Standard)*1
Standard Package	Included Software	PHOTOfunSTUDIO 8.0 Standard Edition Adobe Reader
	Standard Accessories	Please refer to "Accessories" Sheet

\*1 Recording conditions by CIPA standard

- CIPA is an abbreviation of [Camera & Imaging Products Association].
- Temperature: 23°C (73.4°F) / Humidity: 50%RH when LCD monitor is on.
- Using a Panasonic SD Memory Card (32MB).
- Using the supplied battery.
- Starting recording 30 seconds after the camera is turned on. (When the optical image stabilizer function is set to [ON].)
- Recording once every 30 seconds with full flash every second recording.
- Rotating the zoom lever from Tele to Wide or vice versa in every recording.
- Turning the camera off every 10 recordings and leaving it until the temperature of the battery decreases.

- \*2 These are standard times taken at a temperature of 23°C (73.4°F) and a humidity of 50%RH.
- The time available for recording varies depending on the environment, the interval between recordings, and the manner of use.
- Actual recordable time is the time available for recording when repeating actions such as switching the power supply [ON] / [OFF], starting/stopping recording, zoom operation, etc.

03/12 Specifications subject to change without notice.

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